

SWBAT

make vocabulary study cards that support learning concepts

Sep 4-7:31 AM

Welcome!!!

SECA CP Physics  
Wednesday 21 October 2015



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Room C-244

- Need SchoolView up? Any make-up work?
- Vocabulary Cards tomorrow

Homework: Due Wednesday 10/21  
Presentation limited to 3 people  
Parts 1-7 in everyone's notebook!

Opening Activity:

- Any questions about the project / presentation?
- Who is ready to go???

Centering  
(bears)

[http://www.huffingtonpost.com/2010/07/29/indisputable-proof-that-b\\_n\\_664119.html#s120341title=Picnic\\_Bear\\_](http://www.huffingtonpost.com/2010/07/29/indisputable-proof-that-b_n_664119.html#s120341title=Picnic_Bear_)



Sep 7-7:04 AM

VOCABULARY CARDS:

Front:

- Word (large, spelled correctly)
- Image - Its symbol for formulas
- Link word \*\*\*

Back:

- Definition in words you understand
- Units - Vector or not?
- Sentence showing word's meaning \*\*\*

\*\*\* Wait until you understand the term before deciding on a link word and sentence

ALREADY:

- VECTOR PG 9
- DISPLACEMENT

NOW', PG 17

- SPEED
- VELOCITY

FRIDAY: PG 29

- ACCELERATION
- FP INTRO TO

Oct 20-9:26 AM

InterActive Notebook - Table of Contents			
Unit _____		Chapters _____	
		Date _____	
Left-Side Items	Page	Right-Side Items	Page
REFLECTION ON NOTES	2	TED ED ADAM SAVAGE	3
HOW FAR FROM BRIDGE	4	"FORT STUEBEN"	5
REFLECTION ON NOTES	6	HMWK: BASE UNITS	7
PR: DISTANCE & DISPLACEMENT	8	HMWK: FP DISPLACEMENT	9
DIAGRAM & STEPS	10	TIMING & ERROR	11
SUMMARY OF TIMING	12	HOW TO BUILD A TABLE	13
PR: CONVERTING SOLNS.	14	HMWK: FP CONVERSIONS	15
PR: VELOCITY & SPEED	16	HMWK: FP SPEED & VELOCITY	17
SPEED WORD PROBLEMS	18	ALGEBRA FOR PHYSICS	19
LAB JOURNAL 10/7	20	LAB JOURNAL 10/8	21
		HMWK: FP GRAPHS POSITION	23
LAB JOURNAL 10/12	24	EXPERIMENT RUBRIC	25
26	USE FOR PROJECT	27	
		FP: INTRO TO ACC.	29

Sep 5-9:09 AM

Pg 28

## Observations of cork in jar

- What is the cork doing when the jar is still?
- What happens as you walk around?
- Try speeding <sup>AWAY</sup> up, walking steadily, stopping suddenly. What can you observe about the cork? <sup>MIDDLE</sup>  
<sup>TOWARD</sup>

SPINNING AROUND?

Oct 21-7:55 AM

Pg 19: Algebra for Physics!

1. Drawing a picture is recommended
2. always make a List Of what you know and want to know.
3. always write down the equation you are going to use as Letters/Symbols
4. Put in the things you know including units and then solve
5. Check if the answer is reasonable

EXAMPLE: MY CAR AVERAGED  $53 \frac{\text{mi}}{\text{hr}}$   
 I DROVE 492 mi. How LONG DID IT TAKE ME?

$$s = 53 \frac{\text{mi}}{\text{hr}} \quad s = \frac{d}{t}$$

$$d = 492 \text{ mi} \quad t \cdot 53 \frac{\text{mi}}{\text{hr}} = \frac{492 \text{ mi}}{t} \cdot t$$

$$t = ?$$

$$\frac{53 \frac{\text{mi}}{\text{hr}} \cdot t}{53 \frac{\text{mi}}{\text{hr}}} = \frac{492 \text{ mi}}{53 \frac{\text{mi}}{\text{hr}}} \cdot \frac{1}{\frac{1}{\text{hr}}}$$

$$t = 9.3 \text{ hr}$$

#12 ?

$$s =$$

$$d = 155 \text{ miles}$$

$$t = 30 \text{ min} = .5 \text{ hr}$$

Oct 22-9:20 AM

Speed, distance, time example problem:

Oct 21-10:02 AM